

WHAT IS CLAIMED IS:

1 1. A method of converting a source code containing a plurality of
2 instructions in a predetermined order, including new instructions, to object code for
3 use by a processor, the method including the steps of:

4 copying plurality of instructions to a temporary file, the new instructions
5 each being copied as data in the form of object code corresponding to such
6 instruction;

7 applying the plurality of instructions of the temporary file to an
8 assembler to produce object code corresponding to the old instructions and the data
9 forming object code for the new instructions.

10 2. A method of assembling source code containing existing machine
11 language instructions and new machine language instructions with an existing
12 assembler to produce object code having machine language instructions
13 corresponding to each the instructions of the existing instruction set and the new
14 instructions, the method including the steps of:

15 copying each of the existing machine language instructions to a
16 temporary file;

17 copying each new machine language instruction to the temporary file
18 as a data directive having a form corresponding to object code corresponding to
19 such new machine language instruction;

20 assembling the machine language instructions and the data directives
21 to produce the object code.